

ABSTRACT OF THE DISCLOSURE

A method for monitoring a rotation rate sensor comprising a vibration gyroscope that represents a band-pass filter and that is part of at least one control circuit, wherein the control circuit comprises a digital and analog components and excites the vibration gyroscope to vibrate with its natural frequency by supplying it with an excitation signal. An output signal can be gathered from the vibration gyroscope from which the excitation signal and the rotation rate signal can be derived by filtering and amplification. Redundant analog components and at least one analog to digital converter are used to measure analog signals and read characteristic values within the digital components and compare the measured characteristic values with limiting values.